INSIDE JEB

1975 Dolphins are exhalation champs; Chameleons’ eyes are not so independent; Melanin waterproofs mountain-dwelling weta; Hibernating bears protect bones by reducing resorption

OUTSIDE JEB

1978 Some hibernating bats like it hot; Sunbathing helps senior flies keep active; Dusky dotback actors avoid typecasting; The dubious motives of generous men

SHORT COMMUNICATIONS

1981 Oxidative stress as an indicator of the costs of reproduction among free-ranging rhesus macaques

1986 Interruption to cutaneous gas exchange is not a likely mechanism of WNS-associated death in bats

1990 Hearing ability decreases in ageing locusts

RESEARCH ARTICLES

1995 Water loss in tree weta (Hemideina): adaptation to the montane environment and a test of the melanisation–desiccation resistance hypothesis

2005 Consequences of calcium decline on the embryogenesis and life history of Daphnia magna

2015 Metabolic fates and effects of nitrite in brown trout under normoxic and hypoxic conditions: blood and tissue nitrite metabolism and interactions with branchial NOS, Na+/K+ -ATPase and hsp70 expression

2023 Fluid absorption in the isolated midgut of adult female yellow fever mosquitoes (Aedes aegypti)

2030 Lung mechanics and pulmonary function testing in cetaceans

2039 Internal carbonic anhydrase activity in the tissue of scleractinian corals is sufficient to support proposed roles in photosynthesis and calcification

2049 No response to linear polarization cues in operant conditioning experiments with zebra finches

2055 Ultraviolet filters in stomatopod crustaceans: diversity, ecology and evolution

2067 Suppressed bone remodeling in black bears conserves energy and bone mass during hibernation

2075 Muscle force, work and cost: a novel technique to revisit the Fenn effect

2083 Oxygen-limited thermal tolerance is seen in a plastron-breathing insect and can be induced in a bimodal gas exchanger

2089 Digesting pythons quickly oxidize the proteins in their meals and save the lipids for later

2097 Eye movements in chameleons are not truly independent—evidence from simultaneous monocular tracking of two targets

2106 Is oxidative status influenced by dietary carotenoid and physical activity after moult in the great tit (Parus major)?

2116 Dual foraging and pair coordination during chick provisioning by Manx shearwaters: empirical evidence supported by a simple model

2124 Physiological and molecular responses of the goldfish (Carassius auratus) kidney to metabolic acidosis, and potential mechanisms of renal ammonia transport

2136 The function of resilin in honeybee wings